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- (71) Applicant (for all designated States except US): TELSIS HOLDINGS LIMITED [GB/GB]; Barnes Wallis Road, Segensworth East, Fareham, Hampshire PO15 5TT (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HILL, Tony, Francis [GB/GB]; 34 Plough Way, Winchester, Hampshire SO22 4PW (GB). WILSON, Jeffrey [GB/GB]; 53 Kiln Road, Fareham, Hampshire PO16 70H (GB).
- (74) Agent: D YOUNG & CO; 120 Holborn, London EC1N 2DY (GB).

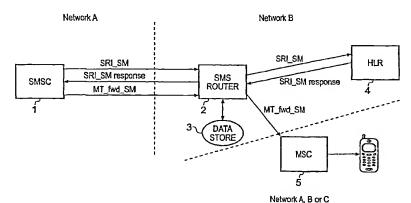
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(54) Title: TELECOMMUNICATIONS SERVICES APPARATUS AND METHODS



(57) Abstract: A telecommunications services apparatus, in a mobile telecommunications network, comprises means (2) for receiving a MAP Send Routing Information for Short Message (SRI\_SM message) originating from another network and operate to forward the SRI\_SM message to a home location register (4), means for receiving a response from the home location register (4) to the SRI\_SM message, means for temporarily storing information relating to the SRI\_SM response and operable to pass said response on to a network address identified as the originating address, and means for receiving a MAP Mobile Terminated Forward Short Message (MT\_Fwd\_SM message) from the other network and operable to correlate the MT\_Fwd\_SM message with a previously-sent SRI SM response using stored information. The apparatus is operable to detect and selectively reject MT\_Fwd\_SM messages for which there is at least insufficient correlation between the MT\_Fwd\_SM message and the previously-sent SRI\_SM response, and to pass other MT\_Fwd\_SM messages on to their respective destinations. The apparatus may include means for modifying IMSI information in the SRI\_SM response, which may be operable to store information relating to the modified SRI\_SM response and operable to pass the modified response on to the originating address network. In that case, the correlation determination may be made between the MT\_Fwd\_SM message and a previously-sent modified SRI\_SM response.